

LOCALITY REGISTER AND SAMPLE DESCRIPTION OF OUTCROP SAMPLES FROM THE TRADEWATER AND CARBONDALE
FORMATIONS, WESTERN KENTUCKY COAL FIELD (SET NO. 2)

Sample No.	Sample sequence and thickness (in.)	Coal zone ^{1/} ^{2/}	County	Quadrangle	Locality description
D114113	Bottom 3	No. 8	Davless	Philpot	Roadside gully about 0.25 mile northwest of Habit.
14	Next 3				
15	Next 3				
16	Top 3				
17	24	White Ash	---do---	Pellville	Strip mine about 0.25 mile north- west of St. Lawrence School.
18	12	Lead Creek ^{3/}	Hancock	Tell City	Strip mine about 2 miles west of Petri.
19	4 (above coal)	Deanville	Ohio	Whitesville	Strip mine about 0.5 mile north of Aetnaville.
20	6 (below coal)				
23	12	No. 4	Hopkins	Coiltown	Strip mine about 1.2 miles south of Beulah.
24	Top 4	No. 8B	---do---	---do---	Shallow stream cut in farmyard about 0.7 mile north-northeast of Beulah.
25	Next 4				
26	Next 4				
27	Next 3				
28	Bottom 3				
29	Bottom 9	No. 9	---do---	---do---	Strip mine about 0.6 mile north of Beulah.
30	Next 12				
31	Top 6				
32	Bottom 2	No. 6	---do---	---do---	Cutbank, unnamed tributary of Lick Creek, 0.6 mile west-southwest of Rabbit Ridge.
33	Top 6				
34	Top 6	No. 7	---do---	---do---	Near 475-ft contour of road up west side of Frazier Ridge.
35	Next 6				
36	Bottom 6				
37	30 (about 100 ft below No. 4)	No. 4	Caldwell	Dalton	Stream bank 0.25 mile south Kentucky Highway 70, 3 miles west of Fryer.
38	24 (about 200 ft below No. 4)	No. 4	---do---	Shady Grove	Stream bank 0.2 mile north of road to Quinn, 0.5 mile east of Kentucky Highway 139.
39	Top 24	No. 8	Webster	Providence	Strip mine about 1.7 miles SW of main intersection in Providence.
40	Next 24				
41	Next 24				
42	Bottom 18				
43	18	No. 7 ^{4/}	---do---	---do---	Gully 0.4 mile north-northeast of Belleville.
44	Top 6	No. 8B	---do---	---do---	Railroad cut 1.3 miles west of main intersection in Providence.
45	Bottom 6				
46	Top 18	No. 6	---do---	---do---	Strip mine about 0.6 mile south- southeast of New Hopewell Church.
47	Bottom 12				
48	Top 9	No. 7	---do---	---do---	Near 520-ft contour of road 0.75 mile south-southeast of New Hopewell Church.
49	Bottom 9				
50	Top 9	No. 8	Hopkins	Dalton	Stream cut about 0.4 mile south of Pleasant Ridge Cemetery.
51	Bottom 9				
52	Top 18	No. 9	---do---	Providence	Strip mine 1.6 miles south-southeast of main intersection in Providence.
53	Bottom 12				
54	Top 16	No. 11	---do---	Madisonville West	Line about 0.7 mile north- west of main intersection in Burlington.
55	Bottom 14				
D114157	6	Undetermined.	Hopkins	Nortonville	Road cut on W. Kentucky Turnpike, 2.5 miles east of U.S. 41.

^{1/} Coal beds or other stratigraphic markers were identified by R. H. Calvert in the Philpot, Pellville, Tell City, and Whitesville quadrangles, by J. E. Palmer in the Coiltown, Shady Grove, and Dalton quadrangles, and by T. M. Kehn in the Providence and Madisonville West quadrangles.

^{2/} Black shale samples were collected within a few inches above the specified coal bed unless otherwise indicated.

^{3/} Black calcareous shale was collected above the limestone ledge that overlies coal.